

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: William Hunter Symonds, *et al.* CONFIRMATION NO.: 1708

SERIAL NO.: 10/542,676 GROUP ART UNIT: 1797

FILED: July 19, 2005 EXAMINER: Turner, Sonji Lucas

FOR: APPARATUS FOR COLLECTING PARTICLES

ATTORNEY DOCKET NO.: 41577/317731  
DATE:

**Certificate of Electronic Filing**

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Commissioner for Patents  
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3/6/09  
Angela M. Rossi

**REQUEST FOR ISSUANCE OF INITIALED FORM PTO/SB/08**

Sir:

On August 26, 2005, Applicants submitted to the U.S. Patent and Trademark Office (the "USPTO") a Supplemental Information Disclosure Statement, two sheet of Form PTO/SB/08, and twelve publications to be considered in the above-referenced patent application. Applicants have received an initialed copy of the Form PTO/SB/08, however, the Non-Patent Literature Documents cited as "Abstract of Russian Patent Document No. 2115485 (May 6, 1997)" has not been initialed by the Examiner. Applicants attach copies of the Supplemental Information Disclosure Statement and Form PTO/SB/08 together with a copy of the postcard acknowledging receipt by the USPTO of the above-identified documents. Applicants request that the USPTO consider the Non-Patent Literature Document and initial Form PTO/SB/08.

The Commissioner is authorized to charge any fees due in connection with this filing to  
Deposit Account No. 11-0855

If there are any matters that can be addressed by telephone, the Examiner is urged to  
contact the undersigned attorney at 404.815.6528.

Respectfully submitted,



Dean W. Russell  
Reg. No. 33,452

KILPATRICK STOCKTON LLP  
1100 Peachtree Street  
Suite 2800  
Atlanta, Georgia, 30309-4530  
404 815 6528 (direct phone)  
404 541 3377 (direct fax)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
W. Symonds, et al. ) GROUP ART UNIT: unknown  
Serial No.: 10/542,676 ) EXAMINER: unknown  
Filed: July 19, 2005 )  
For: APPARATUS FOR SEPARA- )  
TING AND COLLECTING )  
PARTICLES )

August 26, 2005  
Attorney Docket No. 41577/317731

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in envelope addressed to Commissioner of Patents and Trademarks, Attn: 22312, 1450

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

John W. Farmer  
Signature

#### INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98.

Applicants identify the materials listed below and on the form accompanying this submission:

U. S. PATENTS/PUBLICATION

<u>Number</u>	<u>Inventors</u>	<u>Date</u>
1,971,387 6,184,517 2002/0078826	Scoville Sawada, et al. Dav	August 28, 1934 February 6, 2001 June 27, 2002

NON-U.S. PATENT DOCUMENTS

<u>Number</u>	<u>Country/Region</u>	<u>Date</u>
558710	Russia	May 25, 1977
63224754	Japan	September 19, 1988
251108	Switzerland	October 15, 1947
2004808	Germany	October 22, 1970
3428539	Germany	February 13, 1986
WO 89/10795	WIPO/PCT	November 16, 1989
0597786	Europe (EPO)	May 18, 1994

OTHER MATERIALS

Abstract of Japanese Patent Document No. 63224754  
(September 19, 1988).

Abstract of Japanese Patent Document No. 2003053308  
(February 25, 2003).

Abstract of Russian Patent Document No. 2092247  
(October 10, 1997).

Abstract of Russian Patent Document No. 2115485 (May 6,  
1997).

Abstract of Soviet Patent Document No. 800534 (January  
30, 1981).

Copies of the listed materials (other than the U.S. patents and publication), together with English-language abstracts of the Russian, Japanese, European, and German '539 patent documents, are enclosed. Applicants do not concede that the identified materials, or any of them, constitute prior art within the meaning of the United States patent laws. Applicants believe the Swiss and German '808 documents may be relevant at least because cited in the International Search Report for the international version of the application and appear to relate to particle separators or collectors.

Applicants are submitting this paper within three months of the filing of the application and before receipt of an Office Action concerning the merits of the invention claimed in the application and accordingly believe no fee is due. See 37 C.F.R. § 1.97(b). However, if Applicants' beliefs are mistaken,

the Assistant Commissioner is authorized to debit deposit account  
No. 11-0855 for any such fee presently due.

OF COUNSEL:

Kilpatrick Stockton LLP  
1100 Peachtree Street  
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Respectfully submitted,

*Dean W. Russell*  
Dean W. Russell  
Reg. No. 33,452  
Attorney for the Assignee

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449A/PTO		Complete if Known
		Application Number
		10/542,676
		Filing Date
		July 19, 2005
		First Named Inventor
		W. Symonds, et al.
		Art Unit
		Unknown
		Examiner Name
		Unknown
		Attorney Docket Number
		41577/317731
(Use as many sheets as necessary)		
Sheet	of	

U.S. PATENT DOCUMENTS

#### FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> - Number - Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY		
	Russia - 558710		05/25/77		X
	Japan - 63224754		09/19/88		X
	Switzerland - 251108		10/15/47		
	Germany - 2004808		10/22/70		
	Germany - 3428539		02/13/86		X
	WIPO/PCT - WO 89/10795		11/16/89		
	Europ (EPO) - 0597786		05/18/94		X

Examiner \_\_\_\_\_ Date \_\_\_\_\_

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. **Attorney:** Initial if reference cited in response to a communication to applicant. **Applicant:** Initial if reference cited in response to a communication to applicant (optional). **See Kinda Codes of USPTO Patent Document:** [www.uspto.gov/patents/USPTO\\_904\\_114](http://www.uspto.gov/patents/USPTO_904_114). Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **For Japanese patent documents:** the nationality of the registrant of the patent must precede the serial number of the patent document. **Kind of document:** Indicate by the appropriate symbols as indicated on the document under WIPO Standard ST.16 or possible. **Language:** Indicate by a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 112, 113, and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application forms to the USPTO. Time will not be spent updating the individual case. Any comments on the amount of time you spent to complete this collection of information should be addressed to the Chief Counselor for Office (37 CFR 1.45). **Address:** 2231-1349. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			
(Use as many sheets as necessary)			
Sheet	of	<i>Application Number</i>	10/542,676
		<i>Filing Date</i>	July 19, 2005
		<i>First Named Inventor</i>	W. Symonds, et al.
		<i>Art Unit</i>	Unknown
		<i>Examiner Name</i>	Unknown
		<i>Attorney Docket Number</i>	41577/317731

#### NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>3</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

none	none	none
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PN - RU2115485 C 19980720

PD - 1998-07-20

PR - RU19970107708 19970506

OPD - 1997-05-06

TI - BATTERY CYCLONE

AB - FIELD: gas cleaning; cleaning atmospheric air before admitting it to compressors of gas-turbine engines to protect its blades from abrasive wear and outlet components from ice. SUBSTANCE: battery cyclone has air intake chambers arranged in tiers, precipitation-trapping lips, cyclone parts, clean gas outlet manifolds, tier dust collectors, and air heating system with hot-gas outlets brought to air intake chambers. Air heating system has pipeline arranged at side flanges of precipitation-trapping lips; gas outlets are placed away from pipeline and terminate in manifolds one of whose walls is formed by lip flanges. Manifolds are provided with hot gas guiding slits whose space crosses atmospheric-air inlet zone. EFFECT: improved reliability of preventing ice formation on surfaces of battery cyclone due to uniform heating of admitted atmospheric air. 2 dwgn

IN - BUDUSOV V G; ERMOLIN M A; LEPIKHIN JU V; PROKLOV I A; ZARITSKIJ V I; CHELKIN V V

PA - OTKRYTOE AKTSIONERNOE OBSHCHESTVENNOE OB EDINENIE ISKRA

IC - B04C5/20

© WPI / DERWENT

TI - Battery cyclone

PR - RU19970107708 19970506

PN - RU2115485 C1 19980720 DW200002 B04C5/20 000pp

PA - (ISKR-R) ISKRA SCI PRODN ASSOC STOCK CO

IC - B04C5/20

IN - BUDUSOV V G; LEPIKHIN YU V; ZARITSKII V I

AB - RU2115485 NOVELTY - Battery cyclone has air intake chambers arranged in tiers, precipitation-trapping lips, cyclone parts, clean gas outlet manifolds, tier dust collectors, and air heating system with hot-gas outlets brought to air intake chambers. Air heating system has pipeline arranged at side flanges of precipitation-trapping lips; gas outlets are placed away from pipeline and terminate in manifolds one of whose walls is formed by lip flanges. Manifolds are provided with hot gas guiding slits whose

none

none

none

space crosses atmospheric-air inlet zone.

- USE - Gas cleaning; cleaning atmospheric air before admitting it to compressors of gas-turbine engines to protect its blades from abrasive wear and outlet components from ice.
- ADVANTAGE - Improved reliability of preventing ice formation on surfaces of battery cyclone due to uniform heating of admitted atmospheric air. 2 dwgn
- (Dwg.1/1)

OPD - 1997-05-06

AN - 2000-021641 [02]

Subsections for Form 1449A/P/TO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/542,676
(Use as many sheets as necessary)		Filing Date	July 19, 2005
		First Named Inventor	W. Symonds, et al.
		Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	41577W/317731
Sheet	of		

U.S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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Examiner Signature	/Sonji Turner/	Date Considered	07/03/2008
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*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Substitute for Form 1449B/PTO			Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application Number	10/542,676
			Filing Date	July 19, 2005
			First Named Inventor	W. Symonds, et al.
			Art Unit	Unknown
			Examiner Name	Unknown
(Use as many sheets as necessary)				
Sheet	of		Attorney Docket Number	41577/317731

#### NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	/Sonji Turner/	Date Considered	07/03/2008
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**\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

Applicant's service member designation number (numerical).<sup>3</sup> Application is in place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time required to complete this form should be directed to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20591. U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. NO FEE IS REQUIRED FOR A COMPLETED FORM OR COMPLETED FORMS TO THIS ADDRESS.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JC02 Rec'd PCT/PTC 29 AUG 2005

The "Received" stamp of the Patent Office imprinted hereon will acknowledge receipt of:

Applicant Identifier:	W. Symonds	Docket No. 41577/317731
Application No.:	10/542,676	
Filing Date:	July 19, 2005	
Title:	APPARATUS FOR SEPARATING AND COLLECTING PARTICLES	
<b>PAPERS SUBMITTED:</b>		
1. Information Disclosure Statement		
2. Form PTO/SB/08b (including non-US citations, references and abstracts)		
By:	Dean W. Russell, Reg. No. 33,452	
Date:	August 26, 2005	Certified Mail No. 7002 0860 0006 5350 8787

41577-317731